

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method, in a data processing system, for navigation between pages within a series of pages, comprising:

receiving by the data processing system user-defined preferences for identifying series links within a page via a preference customization window that includes different fields for customizing key words and interface options associated with the series links, wherein priority values are assigned to the different fields in the preference customization window to resolve discovery of a plurality of different series links within the page, and wherein the user-defined preferences are stored on a storage device in the data processing system;

receiving by the data processing system a document that is presented on a display device in the data processing system, wherein the document comprises a current page within a series of pages and wherein each page within the series of pages includes a link to a contiguous page within the series of pages;

responsive to receiving the document, identifying by the data processing system a series link in the current page using the user-defined preferences, wherein the series link references a contiguous page within the series of pages; and

responsive to [[a]] the series link being identified in the current page, automatically associating a series link control with the series link by the data processing system, wherein activation of the series link control results in navigation to the contiguous page referenced by the series link.

2. (Currently Amended) The method of claim 1, wherein the step of identifying a series link comprises:

searching by the data processing system at least one link in the document for a keyword.

3. (Original) The method of claim 2, wherein the step of searching at least one link comprises searching at least one of link text, graphic filename, alt text, and uniform resource locator.

4. (Currently Amended) The method of claim 1, wherein the step of identifying a series link comprises:

searching by the data processing system a uniform resource locator of ~~at least one~~ the series link associated with the current page for an ascending number corresponding to a next contiguous page or a descending number ~~with respect to the uniform resource locator of~~ corresponding to a previous contiguous page within the series of pages in the document.

5. (Currently Amended) The method of claim 1, wherein the step of identifying a series link comprises:

searching by the data processing system a uniform resource locator of ~~at least one~~ the series link associated with the current page for an alphabetic sequence with respect to ~~the uniform resource locator of~~ contiguous pages within the series of pages in the document.

6. (Original) The method of claim 1, wherein the series link control comprises at least one of a button, a menu item, and a keyboard shortcut.

7. (Canceled)

8. (Previously Presented) The method of claim 1, wherein the series link control comprises a mouse pointer and wherein the step of associating the series link control with the series link comprises automatically placing the mouse pointer over the series link without intervention from a user.

9. (Currently Amended) An apparatus, ~~in a data processing system~~, for navigation between pages within a series of pages, comprising:

a bus system;

a storage device connected to the bus system, wherein the storage device includes a set of instructions; and

a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to receive user-defined preferences for identifying series links within a page via a preference customization window that includes different fields for customizing key words and interface options associated with the series links, wherein priority values are assigned to the different fields in the preference customization window to resolve discovery of a plurality of different series links within the page, and wherein the user-defined preferences are stored on the storage device; receipt means for receiving receive a document that is presented on a display device, wherein the document comprises a current page within a series of pages and wherein each page within the series of pages includes a link to a contiguous page within the series of pages; identification means, responsive to receiving the document, for identifying identify a series link in the current page using the user-defined preferences in response to receiving the document, wherein the series link references a contiguous page within the series of pages; and association means, responsive to identification of a series link, for automatically associating associate a series link control with the series link in response to identification of the series link, wherein activation of the series link control results in navigation to the contiguous page referenced by the series link.

10. (Currently Amended) The apparatus of claim 9, wherein the ~~identification means comprises:~~ search means for searching set of instructions to identify the series link in the current page includes a further set of instructions to search at least one link in the document for a keyword.

11. (Currently Amended) The apparatus of claim 10, wherein the ~~search means comprises means for searching~~ further set of instructions to search the at least one link in the document includes a still further set of instructions to search at least one of link text, graphic filename, alt text, and uniform resource locator.

12. (Currently Amended) The apparatus of claim 9, wherein the ~~identification means comprises: means for searching~~ set of instructions to identify the series link in the current page includes a further set of instructions to search a uniform resource locator of ~~at least one~~ the series link associated with the current page for an ascending number corresponding to a next contiguous page or a descending number with respect to the uniform resource locator of corresponding to a previous contiguous page within the series of pages in the document.

13. (Currently Amended) The apparatus of claim 9, wherein the ~~identification means comprises: means for searching~~ set of instructions to identify the series link in the current page includes a further set of instructions to search a uniform resource locator of ~~at least one~~ the series link associated with the current page for an alphabetic sequence with respect to ~~the uniform resource locator of~~ contiguous pages within the series of pages in the document.

14. (Original) The apparatus of claim 9, wherein the series link control comprises at least one of a button, a menu item, and a keyboard shortcut.

15. (Canceled)

16. (Currently Amended) The apparatus of claim 9, wherein the series link control comprises a mouse pointer and wherein the ~~association means comprises means for~~ set of instructions to associate the series link control with the series link includes a further set of instructions to automatically placing place the mouse pointer over the series link without intervention from a user.

17. (Currently Amended) An apparatus for navigation between pages within a series of pages, comprising:

a bus system;

a processing unit connected to the bus system; and

a storage device connected to the bus system, wherein the storage device includes a preferences module, a communications module, and a link discovery module;

wherein the preferences module receives user-defined preferences for identifying series links within a page via a preference customization window that includes different fields for customizing key words and interface options associated with the series links, wherein priority values are assigned to the different fields in the preference customization window to resolve discovery of a plurality of different series links within the page, and wherein the user-defined preferences are stored on the storage device;

wherein the communications module receives a document that is presented on a display device, wherein the document comprises a current page within a series of pages and wherein each page within the series of pages includes a link to a contiguous page within the series of pages; and

a link discovery module, wherein the link discovery module identifies a series link in the current page that references a contiguous page within the series of pages responsive using the user-defined preferences in response to receipt of the document, and automatically associates a series link control with the series link responsive in response to identification of the series link, wherein activation of the series link control results in navigation to the contiguous page referenced by the series link.

18. (Original) The apparatus of claim 17, wherein the link discovery module searches at least one link in the document for a keyword.

19. (Currently Amended) The apparatus of claim 17, wherein the link discovery module searches a uniform resource locator of ~~at least one~~ the series link associated with the current page for an ascending number corresponding to a next contiguous page or a descending number ~~with respect to the uniform resource locator of~~ corresponding to a previous contiguous page within the series of pages in the document.

20. (Currently Amended) The apparatus of claim 17, wherein the link discovery module searches a uniform resource locator of ~~at least one~~ the series link associated with the current page for an alphabetic sequence with respect to ~~the uniform resource locator of~~ contiguous pages within the series of pages in the document.

21. (Original) The apparatus of claim 17, wherein the series link control comprises at least one of a button, a menu item, and a keyboard shortcut.

22. (Canceled)

23. (Previously Presented) The apparatus of claim 17, wherein the series link control comprises a mouse pointer and wherein the link discovery module automatically places the mouse pointer over the series link without intervention from a user.

24. (Currently Amended) A computer program product, in a computer readable medium, for navigation between pages within a series of pages, comprising:

instructions for receiving user-defined preferences for identifying series links within a page via a preference customization window that includes different fields for customizing key words and interface options associated with the series links, wherein priority values are assigned to the different fields in the preference customization window to resolve discovery of a plurality of different series links within the page, and wherein the user-defined preferences are stored on a storage device;

instructions for receiving a document that is presented on a display device, wherein the document comprises a current page within a series of pages and wherein each page within the series of pages includes a link to a contiguous page within the series of pages;

instructions, responsive to receiving the document, for identifying a series link in the current page using the user-defined preferences, wherein the series link references a contiguous page within the series of pages; and

instructions, responsive to identification of [[a]] the series link, for automatically associating a series link control with the series link, wherein activation of the series link control results in navigation to the contiguous page referenced by the series link.

25. (Currently Amended): A method, in a data processing system, for navigation between pages within a series of pages, the method comprising:

receiving user-defined preferences for identifying series links within a page via a preference customization window that includes different fields for customizing key words

and interface options associated with the series links, wherein priority values are assigned to the different fields in the preference customization window to resolve discovery of a plurality of different series links within the page, and wherein the user-defined preferences are stored on a storage device;

in response to a command to go to a given page in a series of linked pages presented on a display device, identifying a series link in the given page using the user-defined preferences, wherein the series link references a contiguous page within the series of pages; and

responsive to [[a]] the series link being identified in the given page, automatically associating a series link control with the series link, wherein activation of the series link control results in navigation to the contiguous page referenced by the series link.